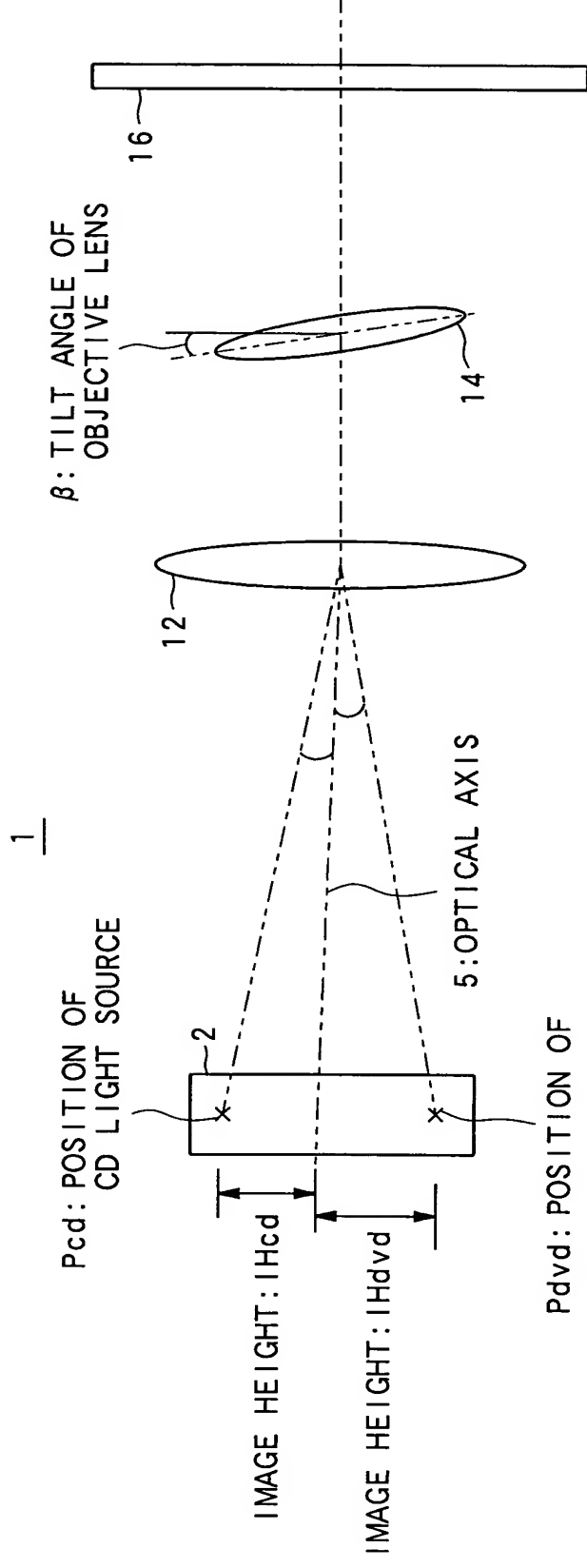


FIG. 1



(COMA ABERRATION BY ANGLE OF INCIDENCE OF OBJECTIVE LENS CAUSED BY
 IMAGE HEIGHT I_{Hcd} ON CD LIGHT SOURCE SIDE)+(COMA ABERRATION BY TILT OF
 OBJECTIVE LENS ON CD LIGHT SOURCE SIDE)=0

(COMA ABERRATION BY ANGLE OF INCIDENCE OF OBJECTIVE LENS CAUSED BY
 IMAGE HEIGHT I_{Hvd} ON DVD LIGHT SOURCE SIDE)+(COMA ABERRATION BY TILT
 OF OBJECTIVE LENS ON DVD LIGHT SOURCE SIDE)=0

FIG. 2

10

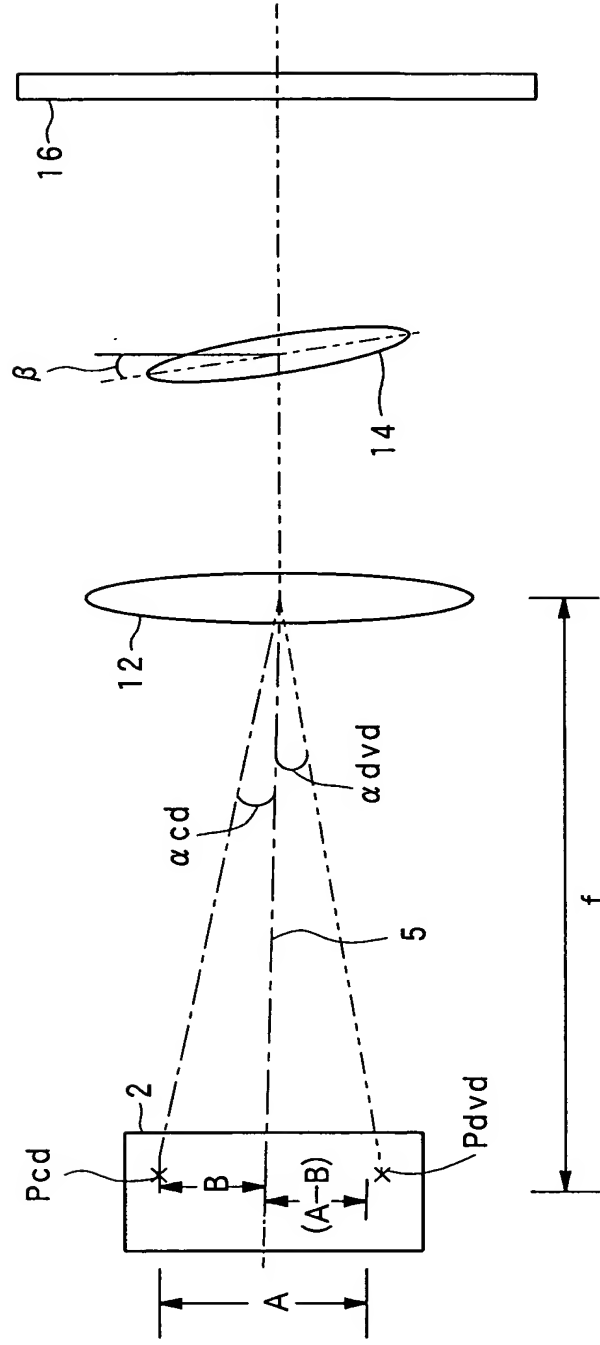
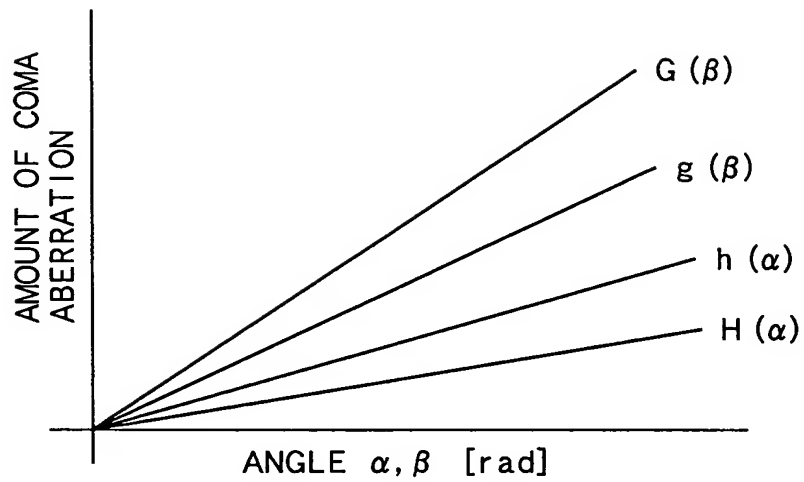


FIG. 3



$H(\alpha)$: IMAGE HEIGHT CHARACTERISTIC OF DVD
 $h(\alpha)$: IMAGE HEIGHT CHARACTERISTIC OF CD
 $G(\beta)$: TILT CHARACTERISTIC OF DVD
 $g(\beta)$: TILT CHARACTERISTIC OF CD

FIG. 4

